This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. (Cancelled)

- 3. (Previously Presented) A compound according to claim 6, in which A or B in each case independently of one another represent hydrogen, tetrazolyl or the group -N(CH₃)₂, -NH-(CO)-pyrrolidinyl, -NH-(CO)-pentyl, -NH-(CO)-hexyl, -NH-(CO)-hexyl-NH₂, -NH-(CO)-C₃H₇, -NH-(CO)-CH₂-phenyl, -NH-(CO)-CH₂-NH₂, -NH-(CO)-C₂H₄-NH₂, -NH-(CO)-CH(NH₂)-CH₃, -NH-(CO)-CH(NH₂)hydroxyphenyl, -NH-(CO)-CH(NH₂)-CH₂-phenyl, -NH-(CO)-CH(NH₂)-CH₂hydroxyphenyl, -NH-(CO)-CH(NH-(CO)-CH₃)-CH₂-phenyl, -NH-(CO)-CH₂-NH-(CO)- CH_3 , -NH-(CO)- $N(C_2H_5)(C_2H_4$ -piperidinyl), -NH-(CO)- $N(CH_3)(C_2H_4$ piperidinyl), -NH-(CO)-CH₂-NH(CH₃), -CH₂-N(CH₃)₂, -NH-(CO)NH-CH₂-COOH, hydantoinyl, -CH₂-COOH wherein pyrrolidinyl can optionally be substituted with hydroxy or the group – NH_2 , $-N(CH_3)_2$ or -NH-(CO)-CH₃, and wherein hydantoinyl can be substituted with -CH₃, -CH₂-COOH, or -(CO)thiazolidinonyl,
- X represents or the group –NH-,
- R¹ represents halogen and
- represents hydrogen or the group -NH-(CO)-phenyl or -C₂H₄-, -C₃H₆- both can optionally be substituted in one or more places, the same way or differently, with cyano, hydroxy, phenyl, naphthyl, imidazolyl, thiazolyl, pyridyl, 2-oxazolinyl, piperidinyl, -NH₂, -NH-CH₂-thienyl, -NH-pyridinyl-NO₂, -NH-thiazolyl, -SO₂-thienyl, -SO₂-NH₂, -SO₂-CH₃, -SO₂-C₃H₇, pyrrolidinonyl substituted with -COOH, -NH-(CO)-NH-thienyl, -NH-(CO)-NH-phenyl, -NH-(CO)-NH-C₂H₅, -NH-(CO)-C(CH₃)₃, -NH-(CO)-S-C₂H₅, -NH-(CS)-NH-C₂H₅, -NH-(CO)-thienyl, -(CO)-NH-NH₂, -(CO)-NH-CH₂-

(CO)-NH₂, -(CO)-NH-C₂H₅, -COOH, wherein phenyl or imidazolyl, thiazolyl can optionally be substituted in one or more places, the same way or differently, with hydroxy, -CH₃, -NH-(CO)-CH₂-NH₂, -COOC₂H₅, -COOC(CH₃)₃,

or a diastereomer, enantiomer or pharmaceutically acceptable salt thereof.

4. (Previously Presented) A compound according to claim 6, in which

A or B in each case independently of one another represent hydrogen or the group -NH-

(CO)-pyrrolidinyl, -NH-(CO)-piperidinyl, -NH-(CO)-morpholinyl, -NH-(CO)-hexyl-NH2, -NH-(CO)-CH(NH2)- hydroxyphenyl, -NH-(CO)-CH(NH2)-CH2-hydroxyphenyl, hydantoin optionally substituted with <math>-CH3,

X represents or the group –NH-,

R¹ represents halogen and

R² represents hydrogen, $-C_2H_4$ -imidazolyl or $-C_3H_7$ which can optionally be substituted in one or more places, the same way or differently with the group - NH-CH₂-thienyl, -NH-(CO)-C₂H₅, -NH-(CO)-C(CH₃)₃,

or a diastereomer, enantiomer or pharmaceutically acceptable salt thereof.

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5.
              (Previously Presented)
                                          A compound according to claim 4, which is
N-[3-[[5-bromo-4-[[3-[[[1-(trifluoromethyl)cyclobutyl]carbonyl]amino]propyl]amino]-2-
pyrimidinyl]amino]phenyl]-1-pyrrolidinecarboxamide,
N-[3-[[5-bromo-4-[[3-[[1-oxo-3-(phenylsulfonyl)propyl]amino]propyl]amino]-2-
pyrimidinyl]amino]phenyl]-1-pyrrolidinecarboxamide,
N-[3-[[5-bromo-2-[[3-[(1-pyrrolidinylcarbonyl)amino]phenyl]amino]-4-
pyrimidinyl]amino]propyl]-2,2-dimethyl-propanediamide,
N-[3-[[4-[[3-[[(1-aminocyclopentyl)carbonyl]amino]propyl]amino]-5-bromo-2-
pyrimidinyl]amino]phenyl]-1-pyrrolidinecarboxamide,
N-[3-[[4-[[3-[[(1-aminocyclobutyl)carbonyl]amino]propyl]amino]-5-iodo-2-
pyrimidinyl]amino]phenyl]-1-pyrrolidinecarboxamide,
N<sup>1</sup>-[3-[[5-bromo-2-[[3-[(1-pyrrolidinylcarbonyl)amino]phenyl]amino]-4-
pyrimidinyl]amino]propyl]-1,1-cyclopentanedicarboxamide,
(4R)-N-[3-[[5-bromo-2-[[3-(2,5-dioxo-1-imidazolidinyl)phenyl]amino]-4-
pyrimidinyl]amino]propyl]-2-oxo-4-thiazolidinecarboxamide,
(4R)-N-[3-[[5-bromo-2-[[3-(3-methyl-2,5-dioxo-1-imidazolidinyl)phenyl]amino]-4-
pyrimidinyl]amino]propyl]-2-oxo-4-thiazolidinecarboxamide,
3-[3-[[5-bromo-4-[[2-(1H-imidazol-4-yl)ethyl]amino]-2-pyrimidinyl]amino]phenyl]-2,4-
imidazolidinedione,
3-[3-[[5-bromo-4-[[2-(1H-imidazol-4-yl)ethyl]amino]-2-pyrimidinyl]amino]phenyl]-1-methyl-
2,4-imidazolidinedione,
N'-[3-[[5-bromo-4-[[2-(1H-imidazol-4-yl)ethyl]amino]-2-pyrimidinyl]amino]phenyl]-N-ethyl-N-
[2-(1-piperidinyl)ethyl]-urea,
N-[3-[[5-bromo-4-[[3-[(2,2-dimethyl-1-oxopropyl)amino]propyl]amino]-2-
pyrimidinyl]amino]phenyl]-1-pyrrolidinecarboxamide,
N-[3-[[2-[[3-[[(2S)-2-amino-3-(4-hydroxyphenyl)-1-oxopropyl]amino]phenyl]amino]-5-bromo-
4-pyrimidinyl]amino]propyl]-2,2-dimethyl-propanediamide,
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N-[3-[[2-[[3-[[(1-aminocyclohexyl)carbonyl]amino]phenyl]amino]-5-bromo-4-pyrimidinyl]amino]propyl]-2,2-dimethyl-propanediamide,

N-[3-[[2-[[3-[[(2S)-2-amino-2-phenylacetyl]amino]phenyl]amino]-5-bromo-4-pyrimidinyl]amino]propyl]-2,2-dimethyl-propanediamide,

N-[3-[[2-[[3-[[(2R)-2-amino-1-oxo-3-phenylpropyl]amino]phenyl]amino]-5-bromo-4-pyrimidinyl]amino]propyl]-5-oxo-2-pyrrolidinecarboxamide,

N-[3-[[2-[[3-[[(2R)-2-amino-1-oxo-3-phenylpropyl]amino]phenyl]amino]-5-bromo-4-pyrimidinyl]amino]propyl]-2,2-dimethyl-propanediamide,

N¹-[3-[[5-bromo-2-[[3-[[(2S)-2-pyrrolidinylcarbonyl]amino]phenyl]amino]-4-pyrimidinyl]amino]propyl]- 1,1-cyclopropanedicarboxamide,

N-[3-[[5-bromo-2-[[3-(2,5-dioxo-1-imidazolidinyl)phenyl]amino]-4-pyrimidinyl]amino]propyl]-2,2-dimethyl-propanediamide,

N-(3-((5-bromo-4-((2-(*1H*-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)-4-morpholinecarboxamide,

N-(3-((5-bromo-4-((2-(1*H*-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)-1-pyrrolidinecarboxamide,

N-(3-((5-bromo-4-((3-((2-thienylcarbonyl)amino)propyl)amino)-2-pyrimidinyl)amino)phenyl)-1-pyrrolidinecarboxamide,

N1-(3-((5-bromo-2-((3-((1-pyrrolidinylcarbonyl)amino)phenyl)amino)-4-pyrimidinyl)-amino)propyl)-1,1-cyclopropanedicarboxamide,

N-(3-((5-bromo-4-((3-((1-oxopropyl)amino)propyl)amino)-2-pyrimidinyl)amino)phenyl)-1-pyrrolidinecarboxamide,

N-(3-((5-iodo-4-((3-((2-thienylcarbonyl)amino)propyl)amino)-2-pyrimidinyl)amino)phenyl)-1-pyrrolidinecarboxamide,

N-[3-[[5-bromo-4-[[3-[[[(2S)-5-oxo-2-pyrrolidinyl]carbonyl]amino]propyl]amino]-2-pyrimidinyl]amino]phenyl]-1-pyrrolidinecarboxamide,

N-[3-[[5-bromo-4-[[3-[[(2S)-4-oxo-2-azetidinyl]carbonyl]amino]propyl]amino]-2-pyrimidinyl]amino]phenyl]-1-pyrrolidinecarboxamide,

(4R)-N-[3-[[5-bromo-2-[[3-[(1-pyrrolidinylcarbonyl)amino]phenyl]amino]-4-pyrimidinyl]amino]propyl]-2-oxo-4-thiazolidinecarboxamide or

N-[3-[[4-[[3-[[(1-aminocyclobutyl)carbonyl]amino]propyl]amino]-5-bromo-2-pyrimidinyl]amino]phenyl]-1-pyrrolidinecarboxamide, or a pharmaceutically acceptable salt thereof.

6. (Currently Amended) A compound of formula (I)

$$\begin{array}{c|c}
 & A \\
 & B \\
 & X - R^2 \\
 & (I)
\end{array}$$

in which

A or B

in each case independently of one another represent hydrogen or the group $-NO_2$, $-NH_2$, $-NR^3R^4$, $-N(C_{1-6}$ -hydroxyalkyl)₂, -NH(CO)- R^5 , $-NHCOOR^6$, $-NR^7$ -(CO)- NR^8R^9 , $-NR^7$ -(CS)- NR^8R^9 , $-COOR^5$, $-CO-NR^8R^9$, $-SO_2$ - CH_3 , 4-bromo-1-methyl-1H-pyrazolo-3yl or C_{1-6} -alkyl optionally substituted in one or more places, the same way or differently with cyano, halogen, hydroxy or the group $-NH_2$, -NH-(CO)- R^5 , $-SO_2$ - NHR^3 , $-COOR^5$, $-CONR^8R^9$, -O-(CO)- R^5 , -O-(CO)- C_{1-6} -alkyl- R^5 , represents an oxygen atom or the group -NH-,

X R^1

represents hydrogen, halogen, hydroxymethyl or the group –COOH, -COO-iso-propyl, –NO₂, -NH-(CO)-(CH₂)₂-COOH or -NH-(CO)-(CH₂)₂-COO-C₁₋₆-alkyl,

 R^2

represents C_{1-6} -alkyl optionally substituted in one or more places, the same way or differently, with hydroxy, imidazolyl or the group $-NH_2$, -NH-(CO)O-CH₂-phenyl, -NH-(CO)H, -NH-(CO)-phenyl, -NH-(CO)-CH₂-O-phenyl, -NH-(CO)-CH₂-phenyl, -NH-(CO)-CH(NH₂)CH₂-phenyl, -NH-(CO)-CH₂-CH(CH₃)-phenyl, -NH-(CO)-CH(NH₂)-(CH₂)-COOH,

wherein phenyl can optionally be substituted in one or more places, the same or differently with halogen, C_{1-6} -alkyl or $-(CO)-C(CH_2)-C_2H_5$, or represents C_3 -alkinyl,

R³ or R⁴

in each case independently of one another represent hydrogen or C_{1-6} -alkyl optionally substituted in one or more places, the same way or differently, with hydroxy, phenyl or hydroxyphenyl,

or

R³ and R⁴

together form a C_{3-6} -heterocycloalkylring containing at least one nitrogen atom and optionally can be interrupted by one or more oxygen and/or sulfur atoms and/or can be interrupted by one or more –(CO)- groups in the ring and/or optionally can contain one or more possible double bonds in the ring, wherein the C_{3-6} -heterocycloalkylring can optionally be substituted with C_{1-6} -alkyl-COOH or C_{1-6} -alkyl-NH2,

 R^5

represents C_{1-6} -alkyl, C_{2-6} -alkenyl, C_{3-6} -cycloalkyl or phenyl each can optionally be substituted in one or more places, the same way or differently, with halogen, hydroxy, phenyl or with the group $-NH_2$, -NH(CO)-O- C_{1-6} -alkyl, wherein phenyl can optionally be substituted in one or more places, the same way or differently, with halogen, hydroxy or C_{1-6} -alkyl,

R⁶ represents C₁₋₆-alkyl, C₂₋₆-alkenyl or phenyl,

 R^7 represents hydrogen or C₁₋₆-alkyl and R⁸or R⁹ in each case independently of one another represent hydrogen, C₁₋₆-alkyl, C₂₋₆alkenyl, C₃₋₆-cycloalkyl, aryl or phenyl, wherein aryl or phenyl can optionally be substituted in one or more places, the same way or differently, with hydroxy or the group $-NO_2$ or $-N(C_{1-6}$ -alkyl)₂ or R⁸ and R⁹ together form a C₃₋₆-heterocycloalkylring containing at least one nitrogen atom and optionally can be interrupted by one or more oxygen and/or sulfur atoms and/or can be interrupted by one or more -(CO)- groups in the ring and/or optionally can contain one or more possible double bonds in the ring, wherein the C₃₋₆-heterocycloalkylring can optionally be substituted with the group –NH₂, when A and B represent hydrogen, X represents –NH- and R² represents C₁₋₆wherein alkyl, then R¹ represents -NH-(CO)-CH(NH₂)-(CH2)₂-COOH or -NH-(CO)-CH(NH2)-(CH₂)₂-COOC₂H₅,when R¹ represents -COO-iso-propyl, wherein then X represents –NH- and R² represents C3-alkinyl and A or B independently of one another represent the group -NO2 or -NH-(CO)-CF3, and when R¹ represents halogen, X represents -NH-, B represents hydrogen and R² wherein represents C_{1-6} -alkyl substituted with $-NH_2$,

or a diastereomer, enantiomer or pharmaceutically acceptable salt thereof.

then A represents –NH-(CO)-C₆-cycloalkyl-NH₂,

7. (Previously Presented) A compound according to claim 6, in which

A or B in each case independently of one another represent hydrogen or the group -NH
C₂H₄-OH, -NH-CH₂-hydroxyphenyl, -NH-(CO)-pyrrolidinyl, -NH-(CO)
CH(NH₂)-CH₂-phenyl, -NH-(CO)-pentyl-NH₂, -NH-(CO)-hexyl-NH₂, -NH-(CO)
CH₂-NH₂, -NH-(CO)-CH(NH₂)-hydroxyphenyl, -NH-(CO)-CH₂-hydroxyphenyl, -NH-(CO)-C₂H₄-dihydroxyphenyl, -NH-(CO)-

CH(OH)-phenyl, -NH-(CO)-CH(NH₂)-CH₂(OH), -NH-(CO)-C(CH₃)₂NH₂, -NH-(CO)-NH(C₂H₅), -CH₂OH, -(CO)-NH-cyclopropyl, -(CO)-NH-CH(CH₃)₂, wherein pyrrolidinyl can optionally be substituted with hydroxy or the group – NH₂,

X represents an oxygen atom or the group –NH-,

R¹ represents halogen or hydroxymethyl and

 R^2 represents $-C_2H_5$ optionally substituted in one or more places, the same way or differently, with hydroxy, imidazolyl

or represents $-C_3H_7$ or $-C_4H_8$ optionally substituted in one or more places, the same way or differently with the group $-NH_2$, -NH-(CO)-CH(NH₂)-C₂H₄-COOH, -NH-(CO)-phenyl, -NH-(CO)-CH₂-phenyl, -NH-(CO)-CH₂-CH(CH₃)-phenyl, -NH-(CO)-CH₂-O-phenyl, -NH-(CO)-CH₂-phenyl, -NH-(CO)-CH(NH₂)CH₂-phenyl,

wherein phenyl can optionally be substituted in one or more places, the same or differently, with halogen, $-CH_3$ or $-(CO)-C(CH_2)(C_2H_5)$, or represents C_3 -alkinyl,

or a diastereomer, enantiomer or pharmaceutically acceptable salt thereof.

8. (Previously Presented) A compound according to claim 7, which is N-[3-[[2-[[3-[[(2R)-2-amino-1-oxo-3-phenylpropyl]amino]phenyl]amino]-5-bromo-4-

pyrimidinyl]amino]propyl]-2,2-dimethyl-propanediamide,

1-[3-[[2-[[3-[[(2R)-2-amino-1-oxo-3-phenylpropyl]amino]phenyl]amino]-5-bromo-4-pyrimidinyl]amino]propyl]-2-oxo-3-pyrrolidinecarboxylic acid,

N-[3-[[5-bromo-4-[[3-[[(5-oxo-2-pyrrolidinyl)carbonyl]amino]propyl]amino]-2-pyrimidinyl]amino]phenyl]-1-pyrrolidinecarboxamide,

Pyrrolidine-1-carboxylic acid [3-(5-bromo-4-{3-[2-(2,4-dichloro-phenyl)-acetylamino]-propylamino}-pyrimidin-2-ylamino)-phenyl]-amide,

Pyrrolidine-1-carboxylic acid [3-(5-bromo-4-{3-[2-(4-bromo-phenyl)-acetylamino]-propylamino}-pyrimidin-2-ylamino)-phenyl]-amide,

Pyrrolidine-1-carboxylic acid (3-{5-bromo-4-[3-(2-p-tolyl-acetylamino)-propylamino]-pyrimidin-2-ylamino}-phenyl)-amide,

Pyrrolidine-1-carboxylic acid [3-(5-bromo-4-{3-[2-(2,4-difluoro-phenyl)-acetylamino]-propylamino}-pyrimidin-2-ylamino)-phenyl]-amide,

Pyrrolidine-1-carboxylic acid {3-[5-bromo-4-(3-{2-[2,3-dichloro-4-(2-methylene-butyryl)-phenoxy]-acetylamino}-propylamino)-pyrimidin-2-ylamino]-phenyl}-amide,

Pyrrolidine-1-carboxylic acid [3-(5-bromo-4-{3-[3-(2,3-dichloro-phenyl)-butyrylamino]-propylamino}-pyrimidin-2-ylamino)-phenyl]-amide,

Pyrrolidine-1-carboxylic acid (3-{5-bromo-4-[3-(3-bromo-benzoylamino)-propylamino]-pyrimidin-2-ylamino}-phenyl)-amide,

N-(3-((4-((4-aminobutyl)amino)-5-bromo-2-pyrimidinyl)amino)phenyl)-1-pyrrolidinecarboxamide,

N-[3-[[2-[[3-[[(2R)-2-amino-1-oxo-3-phenylpropyl]amino]phenyl]amino]-5-bromo-4-pyrimidinyl]amino]propyl]-2,2-dimethyl-propanediamide,

N-[3-[[(2S)-2-Amino-1-oxo-3-phenylpropyl]amino]-5-[[5-bromo-4-(prop-2-ynyloxy)pyrimidin-2-yl]amino]phenyl]pyrrolidine-1-carboxamide,

N-[3-[[(2R)-2-Amino-1-oxo-3-phenylpropyl]amino]-5-[[5-bromo-4-(prop-2-ynyloxy)pyrimidin-2-yl]amino]phenyl]pyrrolidine-1-carboxamide,

 (αR) - α -Amino-N-[3-[[5-bromo-4-(prop-2-ynyloxy)pyrimidin-2-yl]amino]-5-(hydroxymethyl)phenyl]benzenepropanamide,

2-[3-(5-Bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-5-hydroxymethyl-phenylamino]-ethanol,

(2R)-Amino-N-[3-hydroxymethyl-5-(4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-3-phenyl-propionamide,

3-((2R)-Amino-3-phenyl-propionylamino)-5-(5-bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)- N-cyclopropyl-benzamide,

3-((2R)-Amino-3-phenyl-propionylamino)-5-(5-bromo-4-prop-2-ynyloxy-pyrimidin-2-ylamino)-N-isopropyl-benzamide,

Phenylmethyl [3-[[3-[[(ethylamino)carbonyl]amino]phenyl]amino]-5-

(hydroxymethyl)pyrimidine-4-yl]amino]propyl]carbamate,

Pyrrolidine-1-carboxylic acid (3-{4-[3-((2R)-amino-3-phenyl-propionylamino)-propylamino]-5-bromo-pyrimidine-2-ylamino}-phenyl)-amide,

Pyrrolidine-1-carboxylic acid (3-{4-[3-((2S)-amino-3-phenyl-propionylamino)-propylamino]-5-bromo-pyrimidine-2-ylamino}-phenyl)-amide,

2-[3-(5-Bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenylamino]-ethanol,

1-Amino-cyclopentancarbonylic acid[3-(5-bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-amide,

1-Amino-cyclohexancarbonylic acid-[3-(5-bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-amide,

(2S)-Amino-N-[3-(5-bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-3-phenyl-propionamide,

(2R)-Amino-N-[3-(5-bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-3-phenyl-propionamide,

2-{[3-(5-Bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenylamino]-methyl}-phenol, (2R)-Amino-N-[3-(5-bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-3-(4-hydroxy-phenyl)-propionamide,

N-[3-(5-Bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-3-(3,4-dihydroxy-phenyl)-propionamide,

- N-[3-(5-Bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-2-hydroxy-(2S)-phenylacetamide,
- N-[3-(5-Bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-2-hydroxy-(2R)-phenylacetamide,
- (2S)-Amino-N-[3-(5-bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-3-hydroxy-propionamide,
- (2R)-Amino-N-[3-(5-bromo-4-prop-2-ynyloxy-pyrimidin-2-ylamino)-phenyl]-3-hydroxy-propionamide,
- 2-Amino-N-[3-(5-bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-2-methyl-propionamide,
- (2S)-Amino-N-[3-(5-bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-3-(4-hydroxy-phenyl)-propionamide,
- (2S)-Amino-N-[3-(5-bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-3-p-tolyl-propionamide or
- (2R)-Amino-N-[3-(5-bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenyl]-3-p-tolyl-propionamide,
- or a pharmaceutically acceptable salt thereof.

thiazolidinonyl,

9. (Previously Presented) A compound according to claim 6, in which

A or B in each case independently of one another represent halogen, hydrogen or the
group -SO₂-CH₃, -NO₂, -NH₂, -CF₃, -CH₂-NH-(CO)-NH₂, -CH₂-pyrrolidinyl, NH-(CO)-CH₃, -NH-(CO)-hexyl-NH₂, -NH-(CO)-phenyl, -NH-(CO)-pyrrolidinyl,
--NH-(CO)-CH(NH₂)-CH₂-phenyl, NH-(CO)-OCH₃, -NH-(CO)-OCH(CH₃)₂, NH-(CO)-OC₂H₄-morpholino, -NH-(CO)-NH-cyclopropyl, -NH-(CO)morpholino, -NH-(CO)-NH-C₂H₄-morpholino, -NH-(CO)-NH-hydroxycycloalkyl,
hydantoinyl,
wherein pyrrolidinyl can optionally be substituted with hydroxy or the group -NH₂
and
wherein hydantoinyl can optionally be substituted with the group -CH₃ or -(CO)-

X represents the group –NH-,

R¹ represents halogen and

 R^2 represents $-CH_2$ -dihydroxyphenyl, $-C_2H_4$ -imidazolyl, or $-C_3H_7$ optionally substituted in one or more places, the same way or differently, with

or a diastereomer, enantiomer or pharmaceutically acceptable salt thereof.

10. (Previously Presented) A compound, which is

4-((4-((2-(1H-imidazol-4-yl)ethyl)amino)-5-iodo-2-pyrimidinyl)amino)-benzenesulfonamide, N-((3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)methyl)urea,

1-((3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)methyl)-3-pyrrolidinol,

(3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)-carbamic acid methyl ester,

N2-(3-aminophenyl)-5-bromo-N4-(2-(1H-imidazol-4-yl)ethyl)-2,4-pyrimidinediamine,

N-(3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)-N'-cyclopropyl-urea,

N-(3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)-4-morpholinecarboxamide,

(3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)-carbamic acid 1-methylethyl ester,

N-(3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)-

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methanesulfonamide,

N2-(3-amino-5-(trifluoromethyl)phenyl)-5-bromo-N4-(2-(1H-imidazol-4-yl)ethyl)-2,4-pyrimidinediamine,

N-(3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)-N'-(2-(4-morpholinyl)ethyl)-urea,

N2-(3-amino-5-chlorophenyl)-5-bromo-N4-(2-(1H-imidazol-4-yl)ethyl)-2,4-pyrimidinediamine, (3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)-carbamic acid 2-(4-morpholinyl)ethyl ester,

N-(3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)-N'-(4-hydroxycyclohexyl)-urea,

N-(3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)-acetamide, N-(3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)-benzamide, (4R)-N-[3-[[5-bromo-2-[[3-[(1-pyrrolidinylcarbonyl)amino]phenyl]amino]-4-pyrimidinyl]amino]propyl]-2-oxo-4-thiazolidinecarboxamide,

3-[3-[[5-bromo-4-[[2-(1H-imidazol-4-yl)ethyl]amino]-2-pyrimidinyl]amino]phenyl]-2,4-imidazolidinedione,

3-[3-[[5-bromo-4-[[2-(1H-imidazol-4-yl)ethyl]amino]-2-pyrimidinyl]amino]phenyl]-1-methyl-2,4-imidazolidinedione,

1-[3-[[2-[[3-[[(2R)-2-amino-1-oxo-3-phenylpropyl]amino]phenyl]amino]-5-bromo-4-pyrimidinyl]amino]propyl]-2-oxo-3-pyrrolidinecarboxylic acid,

1-[3-[[2-[[3-[[(1-aminocyclohexyl)carbonyl]amino]phenyl]amino]-5-bromo-4-pyrimidinyl]amino]propyl]-2-oxo-3-pyrrolidinecarboxylic acid,

N-[3-[[2-[[3-[[(2R)-2-amino-1-oxo-3-phenylpropyl]amino]phenyl]amino]-5-bromo-4-pyrimidinyl]amino]propyl]-5-oxo-2-pyrrolidinecarboxamide,

N-[3-[[2-[[3-[[(2R)-2-amino-1-oxo-3-phenylpropyl]amino]phenyl]amino]-5-chloro-4-pyrimidinyl]amino]propyl]-2,2-dimethyl-propanediamide,

3-[3-[[5-bromo-4-[[(3,4-dihydroxyphenyl)methyl]amino]-2-pyrimidinyl]amino]phenyl]-2,4-imidazolidinedione,

3-[3-[[5-bromo-4-[[(3,4-dihydroxyphenyl)methyl]amino]-2-pyrimidinyl]amino]phenyl]-1-methyl-2,4-imidazolidinedione,

- (4R)-N-[3-[[5-bromo-2-[[3-(2,5-dioxo-1-imidazolidinyl)phenyl]amino]-4-pyrimidinyl]amino]propyl]-2-oxo-4-thiazolidinecarboxamide,
- N-[3-[[5-bromo-2-[[3-(2,5-dioxo-1-imidazolidinyl)phenyl]amino]-4-pyrimidinyl]amino]propyl]-5-oxo-2-pyrrolidinecarboxamide,
- N-[3-[[5-bromo-2-[[3-(2,5-dioxo-1-imidazolidinyl)phenyl]amino]-4-pyrimidinyl]amino]propyl]-2,2-dimethyl-propanediamide,
- 3-[3-[[5-bromo-4-[[3-(2-oxo-1-pyrrolidinyl)propyl]amino]-2-pyrimidinyl]amino]phenyl]-2,4-imidazolidinedione,
- (4R)-N-[3-[[5-bromo-2-[[3-(3-methyl-2,5-dioxo-1-imidazolidinyl)phenyl]amino]-4-pyrimidinyl]amino]propyl]-2-oxo-4-thiazolidinecarboxamide or
- (4R)-N-[3-[[5-bromo-2-[[3-[2,5-dioxo-3-[[(4R)-2-oxo-4-thiazolidinyl]carbonyl]-1-imidazolidinyl]phenyl]amino]-4-pyrimidinyl]amino]propyl]-2-oxo-4-thiazolidinecarboxamide, or a pharmaceutically acceptable salt thereof.
 - 11. (Previously Presented) A compound, which is
- N-(3-((4-((3-(aminomethyl)phenyl)amino)-5-bromo-2-pyrimidinyl)amino)phenyl)-1-pyrrolidine-carboxamide,
- 4-[[5-bromo-4-[[2-(1H-imidazol-5-yl)ethyl]amino]-2-pyrimidinyl]amino]- 1-naphthaleneacetic acid,
- 5-[[5-bromo-4-[[2-(1H-imidazol-5-yl)ethyl]amino]-2-pyrimidinyl]amino]-1H-indole-2-carboxylic acid, ethyl ester,
- 5-bromo-N4-[2-(1H-imidazol-5-yl)ethyl]-N2-(2-methyl-6-quinolinyl)-2,4-pyrimidinediamine,
- 4-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)-benzamide,
- 4-((4-((2-(1H-imidazol-4-yl)ethyl)amino)-5-iodo-2-pyrimidinyl)amino)-benzenesulfonamide,
- 3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)-benzamide,
- 3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)-benzenesulfonamide,
- 5-((5-bromo-4-((2-(1*H*-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)-1,3-dihydro-2H-benzimidazol-2-one,
- 3-((5-bromo-4-((2-(1*H*-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)- benzoic acid methyl ester,

- 3-amino-5-((5-bromo-4-((2-(1*H*-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)- benzoic acid methyl ester,
- *N*-((3-((5-bromo-4-((2-(1*H*-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)methyl)-methanesulfonamide.
- 4-((5-bromo-4-((2-(1*H*-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)- benzoic acid methyl ester.
- 3-((5-bromo-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)-phenol,
- 5-((5-bromo-4-((2-(1*H*-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)-1*H*-isoindole-1,3(2H)-dione,
- 5-bromo- N^4 -(2-(1*H*-imidazol-4-yl)ethyl)- N^2 -(3-methylphenyl)-2,4-pyrimidinediamine, N-(3-((5-bromo-4-((2-(1*H*-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)phenyl)-methanesulfonamide,
- 4-((4-((2-(1H-imidazol-4-yl)ethyl)amino)-5-methyl-2-pyrimidinyl)amino)-benzenesulfonamide,
- 4-((4-((2-(1*H*-imidazol-4-yl)ethyl)amino)-5-(trifluoromethyl)-2-pyrimidinyl)amino)-benzenesulfonamide,
- 4-((4-((3-aminopropyl)amino)-5-bromo-2-pyrimidinyl)amino)-benzenesulfonamide,
- 4-((5-bromo-4-((3-(1H-imidazol-1-yl)propyl)amino)-2-pyrimidinyl)amino)-benzenesulfonamide,
- 4-((5-bromo-4-((2-(1-pyrrolidinyl)ethyl)amino)-2-pyrimidinyl)amino)-benzenesulfonamide,
- 4-((4-((4-aminobutyl)amino)-5-bromo-2-pyrimidinyl)amino)-benzenesulfonamide,
- 4-((2-((4-(aminosulfonyl)phenyl)amino)-5-bromo-4-pyrimidinyl)amino)-butanoic acid,
- 4-((4-((3-((aminocarbonyl)amino)propyl)amino)-5-bromo-2-pyrimidinyl)amino)-benzenesulfonamide,
- 4-((2-((4-(aminosulfonyl)phenyl)amino)-5-bromo-4-pyrimidinyl)amino)-butanoic acid ethyl ester,
- 4-((5-bromo-4-((4-(methylamino)butyl)amino)-2-pyrimidinyl)amino)-benzenesulfonamide,
- 4-((5-bromo-4-((2-(1H-imidazol-1-yl)ethyl)amino)-2-pyrimidinyl)amino)-benzenesulfonamide,
- 4-((5-ethyl-4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)-benzenesulfonamide,
- 4-((4-((2-(1H-imidazol-4-yl)ethyl)amino)-2-pyrimidinyl)amino)-benzenesulfonamide,
- 4-((5-bromo-4-((2-(2-pyridinyl)ethyl)amino)-2-pyrimidinyl)amino)-benzenesulfonamide,
- 4-((5-bromo-4-((2-(1H-indol-3-yl)ethyl)amino)-2-pyrimidinyl)amino)-benzenesulfonamide,

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2-((2-((4-(aminosulfonyl)phenyl)amino)-5-bromo-4-pyrimidinyl)amino)-acetamide,
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- N-(2-((2-((4-(aminosulfonyl)phenyl)amino)-5-bromo-4-pyrimidinyl)amino)ethyl)-acetamide,
- 3-((2-((4-(aminosulfonyl)phenyl)amino)-5-bromo-4-pyrimidinyl)amino)-propanamide,
- N-(4-((2-((4-(aminosulfonyl)phenyl)amino)-5-bromo-4-pyrimidinyl)amino)butyl)-acetamide,
- N-(3-((2-((4-(aminosulfonyl)phenyl)amino)-5-bromo-4-pyrimidinyl)amino)propyl)-acetamide,
- *N*-(3-((2-((4-(aminosulfonyl)phenyl)amino)-5-bromo-4-pyrimidinyl)amino)propyl)-2-furancarboxamide,
- *N*-(3-((2-((4-(aminosulfonyl)phenyl)amino)-5-bromo-4-pyrimidinyl)amino)propyl)-*1H*-pyrrole-2-carboxamide,
- 4-((2-((4-(aminosulfonyl)phenyl)amino)-5-bromo-4-pyrimidinyl)amino)-butanamide,
- N-(3-((2-((4-(aminosulfonyl)phenyl)amino)-5-bromo-4-pyrimidinyl)amino)propyl)-2-thiophenecarboxamide,
- 4-((4-(aminomethyl)-1-piperidinyl)-5-bromo-2-pyrimidinyl)amino)-benzenesulfonamide,
- 4-(5-bromo-4-prop-2-ynylamino-pyrimidin-2-ylamino)-phenyl]-N,N-dimethylaminosulfonylamin,
- 1-Methyl-1H-imidazol-4-sulfonic acid [4-(5-bromo-4-prop-2-ynylamino-pyrimidin-2-ylamino)-phenyl]-amid,
- 3-(5-Bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-benzoic acid ethyl ester,
- 4-(5-Bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-benzoic acid ethyl ester,
- 2-(5-Bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-benzoic acid ethyl ester,
- 2-(5-Bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-phenol,
- 4-(5-Bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-benzoic acid methyl ester,
- 3-(5-Nitro-4-prop-2-ynylamino-pyrimidine-2-ylamino)-phenol,
- 2-(5-Nitro-4-prop-2-ynylamino-pyrimidine-2-ylamino)-benzoic acid ethyl ester,
- 3-(5-Nitro-4-prop-2-ynylamino-pyrimidine-2-ylamino)-benzoic acid ethyl ester,
- 4-(5-Nitro-4-prop-2-ynylamino-pyrimidine-2-ylamino)-benzoic acid ethyl ester,
- 4-(5-Nitro-4-prop-2-ynylamino-pyrimidine-2-ylamino)-phenol,
- Methyl 3-[[5-bromo-4-(prop-2-ynyloxy)pyrimidin-2-yl]amino]-5-[(2-hydroxyethyl)amino]benzoate,
- Methyl 3-amino-5-[[5-bromo-4-(prop-2-ynyloxy)pyrimidin-2-yl]amino]benzoate or

3-[Bis-(2-hydroxy-ethyl)-amino]-5-(5-bromo-4-prop-2-ynyloxy-pyrimidine-2-ylamino)-benzoic acid methyl ester, or a pharmaceutically acceptable salt thereof.

12. (Previously Presented) A pharmaceutical composition comprising at least one compound according to claim 6 and a pharmaceutically acceptable carrier, diluent or excipient.

13-16. (Cancelled)

- 17. (Previously Presented) A method of treating cancer comprising administering to a patient in need thereof an effective amount of a pharmaceutical composition according to claim 12.
- 18. (Previously Presented) A method according to claim 17, wherein the cancer treated is a solid tumor, a tumor- or metastasis growth, Kaposis Sarkom, Hodgkin's disease or leukemia.
- 19. (Previously Presented) A method according to claim 17, wherein the patient treated is a mammal.
- 20. (Previously Presented) A method of claim 19, wherein the mammal is a human.

21-25. (Cancelled)

26. (Previously Presented) A pharmaceutical composition comprising at least one compound according to claim 11 and a pharmaceutically acceptable carrier, diluent or excipient.

- 27. (Previously Presented A method of treating cancer comprising administering to a patient in need thereof an effective amount of a pharmaceutical composition according to claim 26.
- 28. (Previously Presented) A method according to claim 27, wherein the cancer treated is a solid tumor, a tumor- or metastasis growth, Kaposis Sarkom, Hodgkin's disease or leukemia.
- 29. (Previously Presented) A method of treating rheumatoid arthritis comprising administering to a patient in need thereof an effective amount of a pharmaceutical composition according to claim 12.

30-31. (Cancelled)

- 32. (Previously Presented) A compound according to claim 6, wherein X represents an oxygen atom.
- 33. (Previously Presented) A compound according to claim 6, wherein X represents the group –NH-.
- 34. (New) A compound according to claim 6, wherein

 A or B in each case independently of one another represent hydrogen or the group -NO₂,
 -NH₂, -NR³R⁴, -N(C₁₋₆-hydroxyalkyl)₂, -NH(CO)-R⁵, -NHCOOR⁶, -NR⁷-(CO)NR⁸R⁹, -NR⁷-(CS)-NR⁸R⁹, -CO-NR⁸R⁹, -SO₂-CH₃, 4-bromo-1-methyl-1*H*pyrazolo-3yl or C₁₋₆-alkyl optionally substituted in one or more places, the same
 way or differently with cyano, hydroxy or the group -NH₂, -NH-(CO)-R⁵, -SO₂NHR³, -COOR⁵, -CONR⁸R⁹, -O-(CO)-R⁵, -O-(CO)-C₁₋₆-alkyl-R⁵.
- 35. (New) A compound according to claim 6, wherein

 R¹ represents hydrogen, hydroxymethyl or the group -COOH, -COO-iso-propyl, -

 NO_2 , -NH-(CO)-(CH₂)₂-COOH or -NH-(CO)-(CH₂)₂-COO-C₁₋₆-alkyl.

36. (New) A compound according to claim 6, wherein

R² represents C₁₋₆-alkyl optionally substituted in one or more places, the same way or differently, with hydroxy, imidazolyl or the group –NH-(CO)O-CH₂-phenyl, -NH-(CO)H, -NH-(CO)-phenyl, -NH-(CO)-CH₂-phenyl, -NH-(CO)-CH₂-phenyl, -NH-(CO)-CH₂-phenyl, -NH-(CO)-CH₂-CH(CH₃)-phenyl, -NH-(CO)-CH(NH₂)-(CH₂)-COOH,

wherein phenyl can optionally be substituted in one or more places, the same or differently with halogen, C_{1-6} -alkyl or -(CO)- $C(CH_2)$ - C_2H_5 , or represents C_3 -alkinyl.

- 37. (New) A method of treating Kaposis Sarkom, Hodgkin's disease or leukemia comprising administering to a patient in need thereof an effective amount of a pharmaceutical composition according to claim 12.
- 38. (New) A method of treating Kaposis Sarkom, Hodgkin's disease or leukemia comprising administering to a patient in need thereof an effective amount of a pharmaceutical composition according to claim 26.

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